

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095982.D
 Acq On : 17 Jun 2017 6:35
 Operator : SJ/MA
 Sample : I3693-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 01:06:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

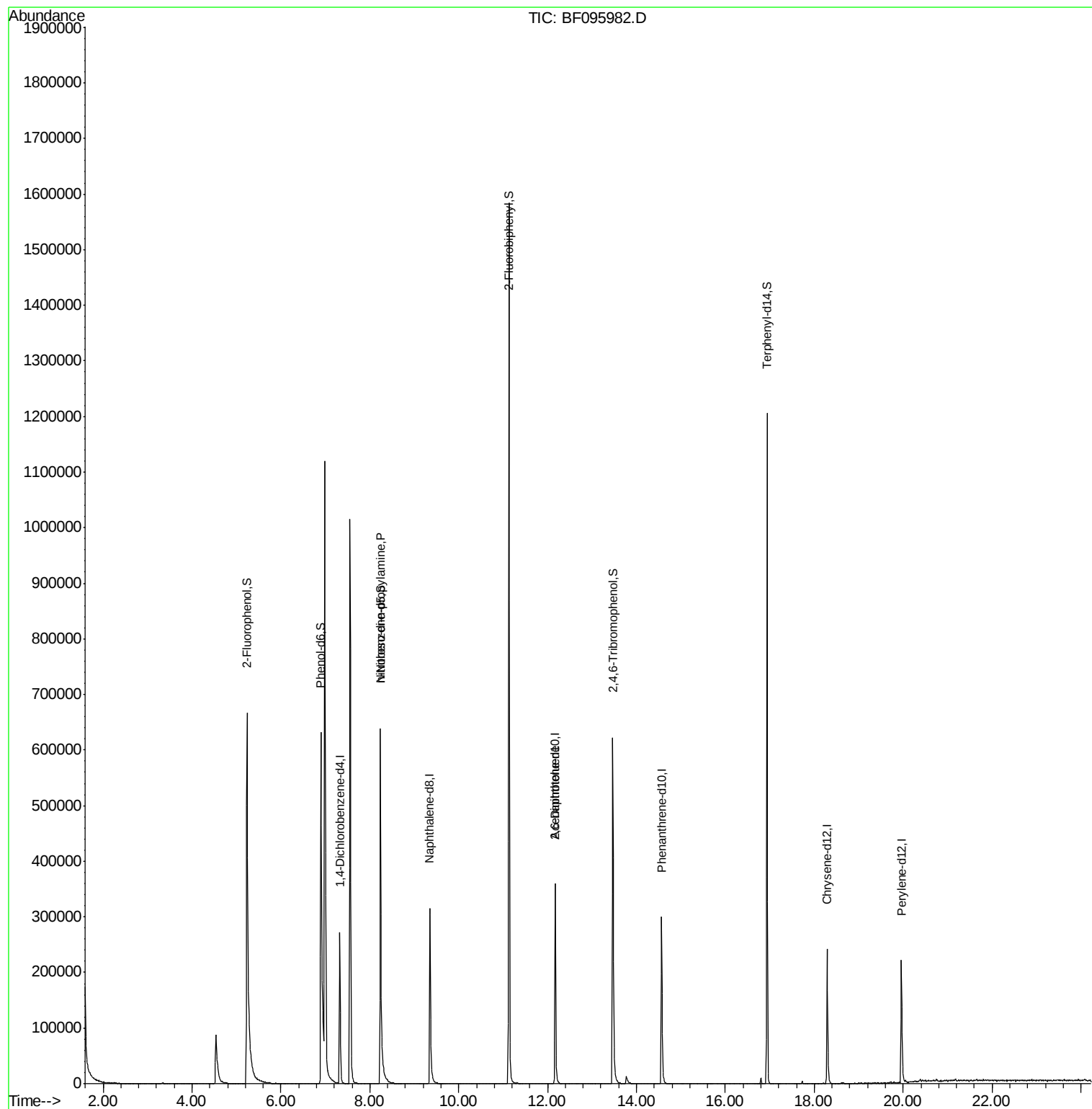
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	67627	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	279128	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	117094	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	183608	20.00	ng	0.00
75) Chrysene-d12	18.29	240	135370	20.00	ng	0.00
86) Perylene-d12	19.96	264	127644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	507423	119.56	ng	0.02
7) Phenol-d6	6.90	99	589030	115.93	ng	-0.01
23) Nitrobenzene-d5	8.24	82	378350	84.18	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	124634	120.30	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	739129	87.84	ng	0.00
78) Terphenyl-d14	16.94	244	466210	85.47	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.24	70	47084	14.62	ng	# 74
50) 2,6-Dinitrotoluene	12.17	165	13953	7.20	ng	# 31

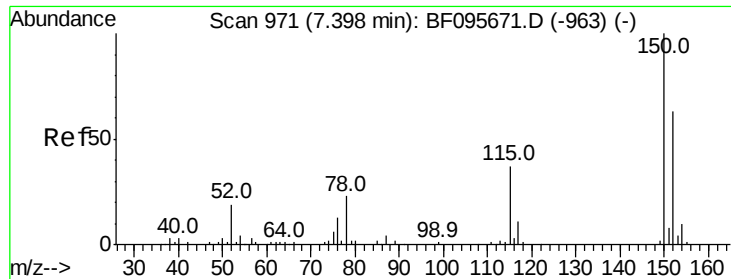
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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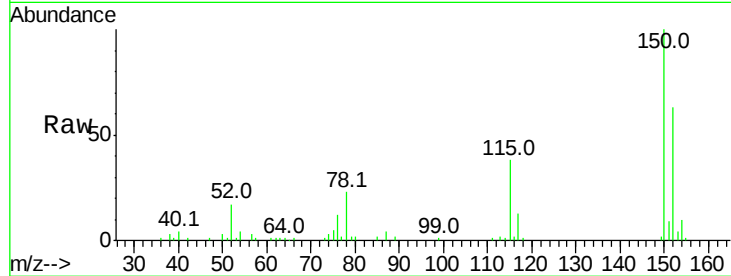


#1

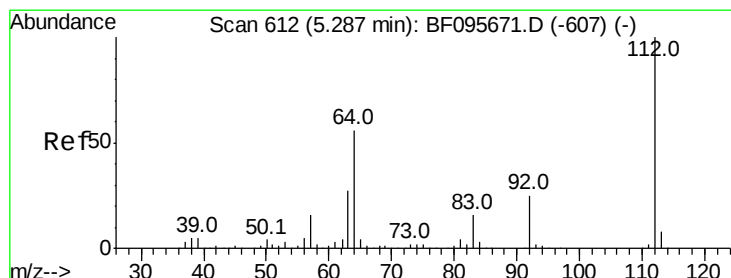
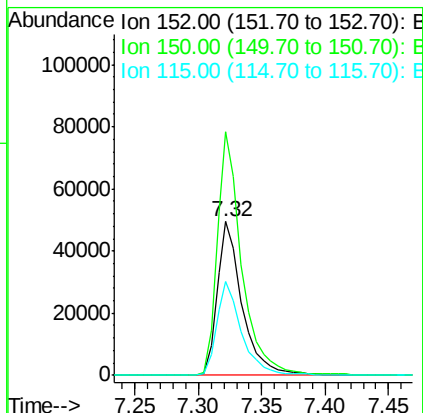
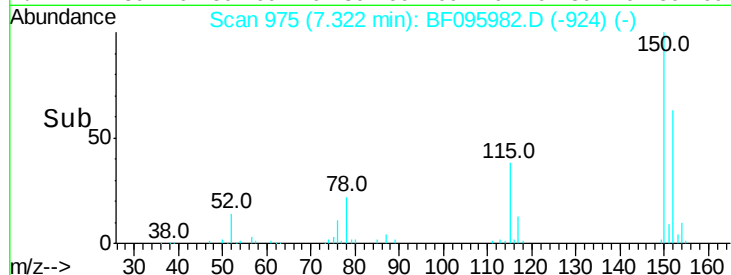
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095982.D
Acq: 17 Jun 2017 6:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67627
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 61.0 52.2 78.2



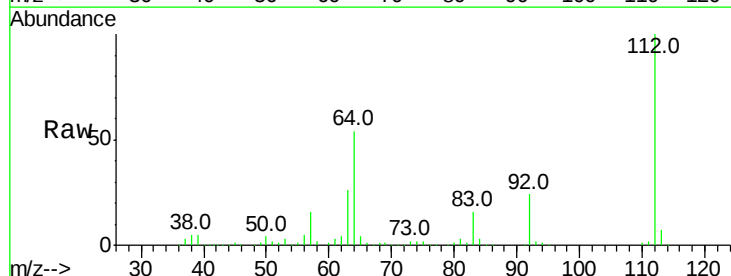
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



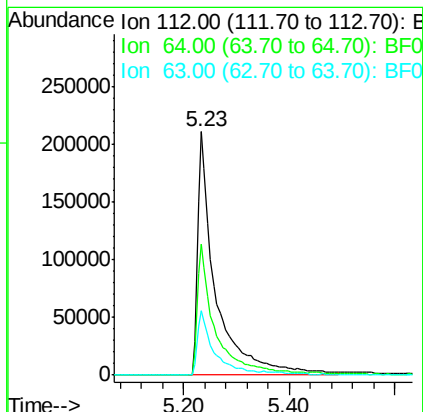
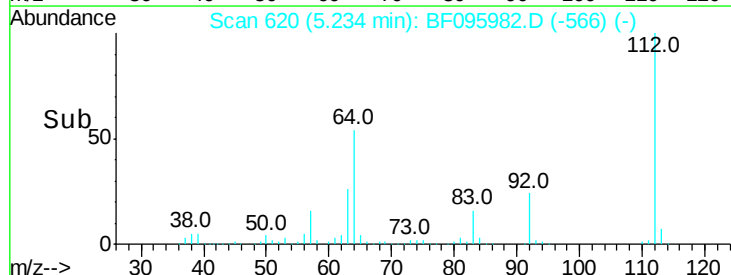
#5

2-Fluorophenol
Concen: 119.56 ng
RT: 5.23 min Scan# 620
Delta R.T. 0.02 min
Lab File: BF095982.D
Acq: 17 Jun 2017 6:35

Tgt Ion:112 Resp: 507423
Ion Ratio Lower Upper
112 100
64 53.6 46.0 69.0
63 26.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.93 ng

RT: 6.90 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF095982.D

Acq: 17 Jun 2017 6:35

Instrument :

BNA_F

ClientSampleId :

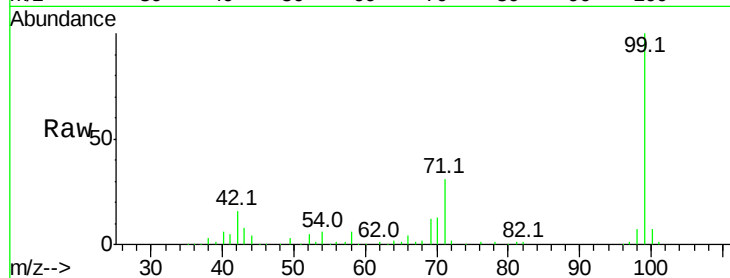
Tot Ion: 99 Resp: 589030

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

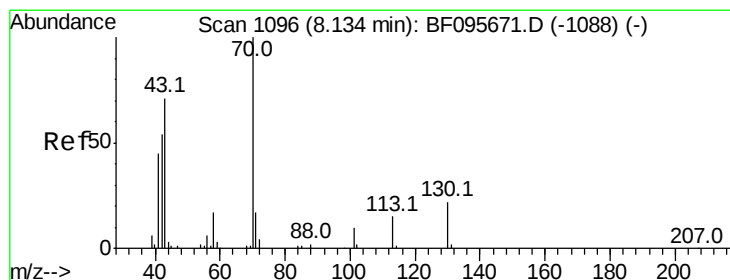
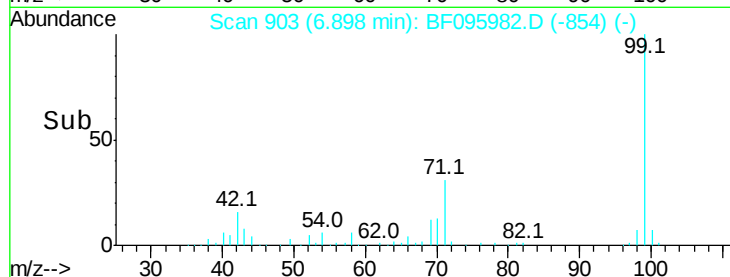
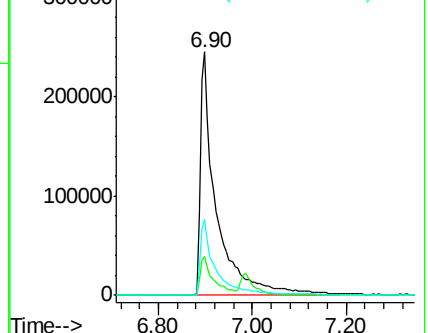
71 31.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.62 ng

RT: 8.24 min Scan# 1131

Delta R.T. 0.17 min

Lab File: BF095982.D

Acq: 17 Jun 2017 6:35

Tgt Ion: 70 Resp: 47084

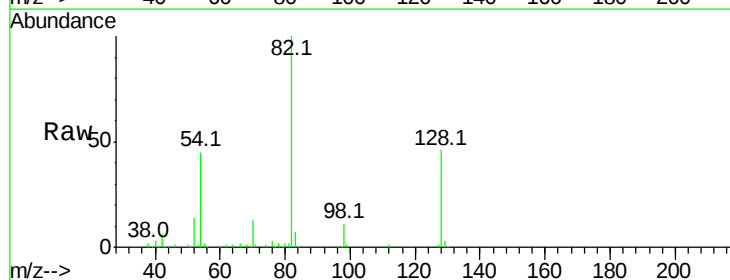
Ion Ratio Lower Upper

70 100

42 43.3 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

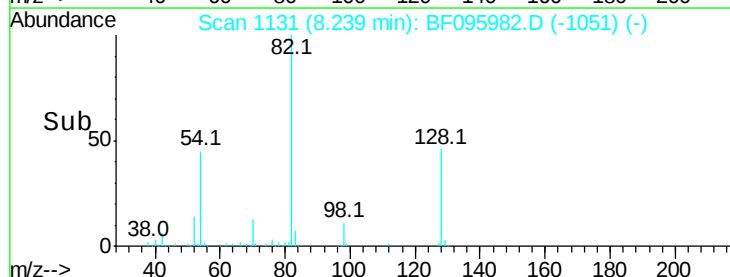
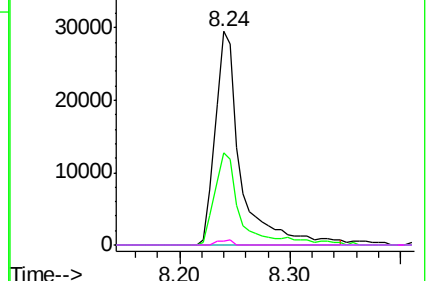


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095982.D

Acq: 17 Jun 2017 6:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 279128

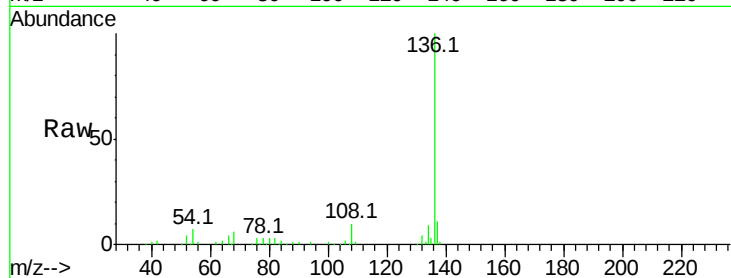
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.7 4.9 7.3

68 5.6 4.1 6.1

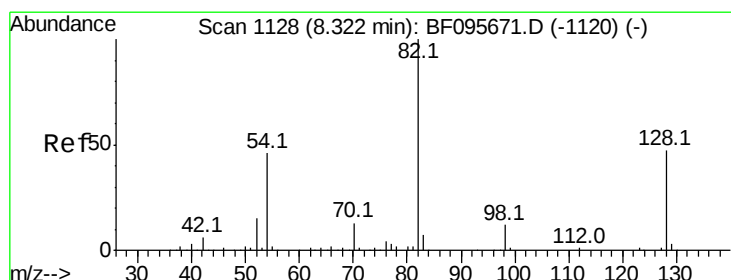
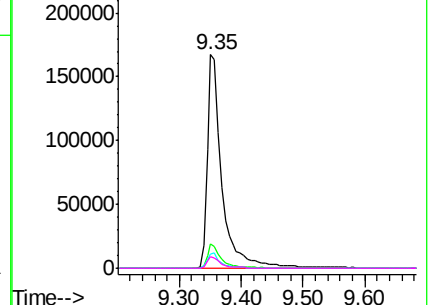
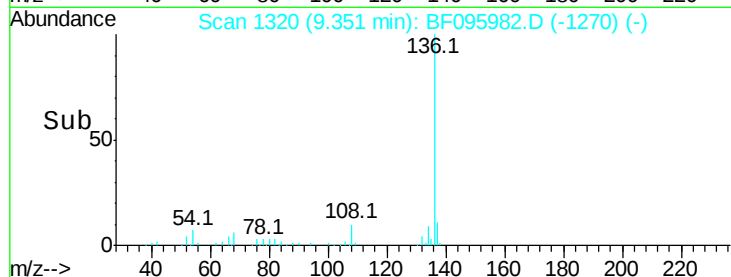


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 84.18 ng

RT: 8.24 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF095982.D

Acq: 17 Jun 2017 6:35

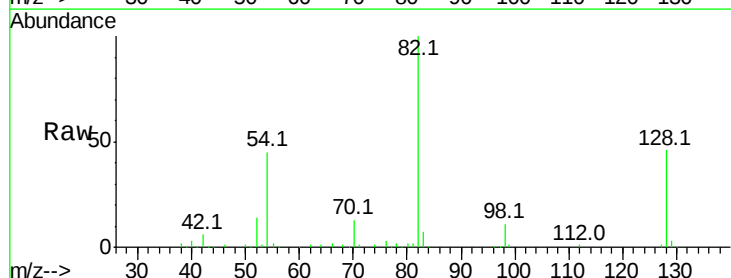
Tgt Ion: 82 Resp: 378350

Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

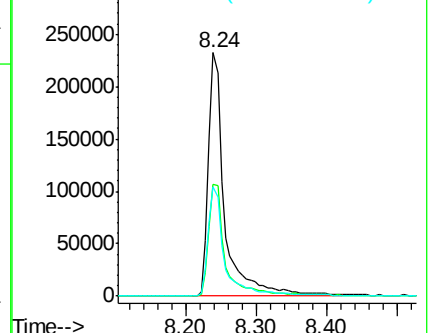
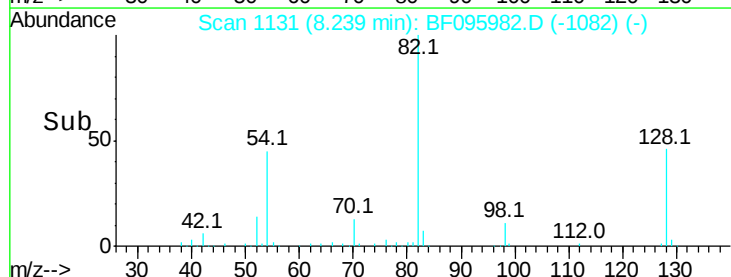
54 45.1 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

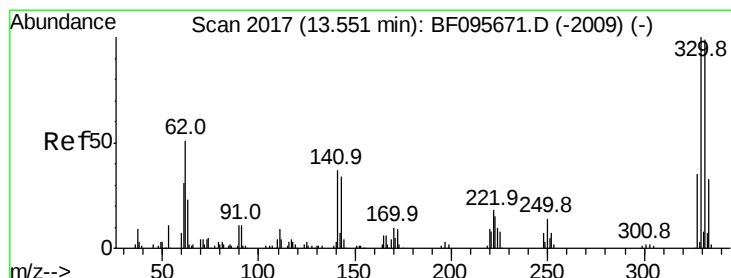
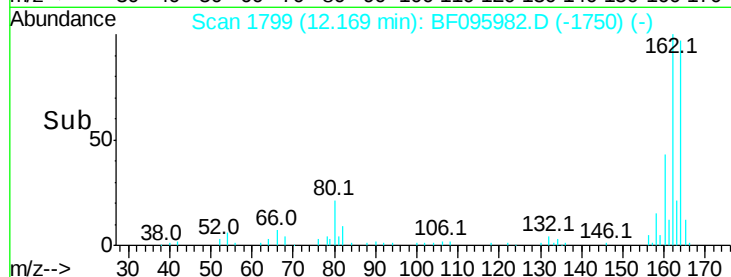
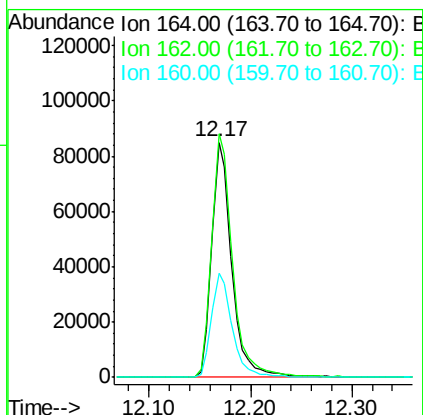
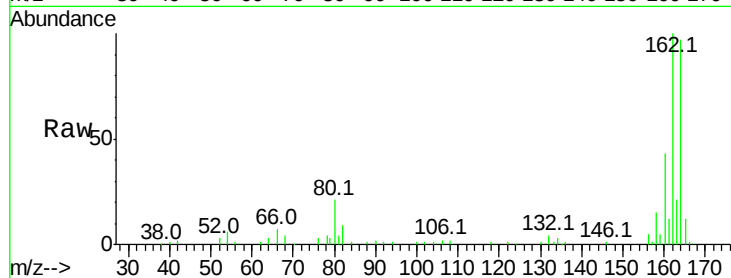




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF095982.D
 Acq: 17 Jun 2017 6:35

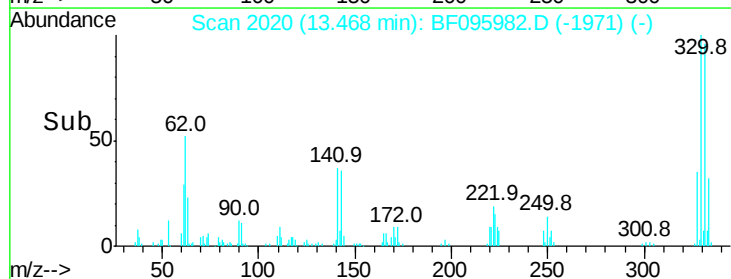
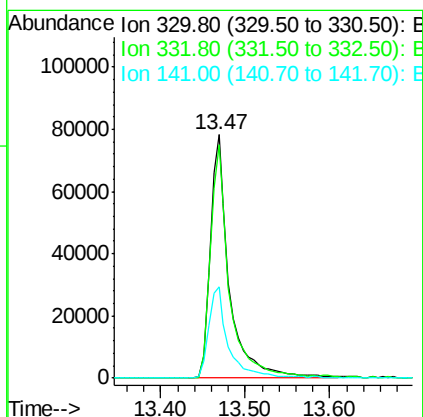
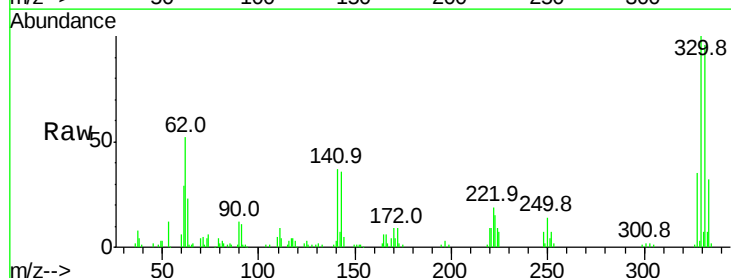
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 117094
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 44.3 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 120.30 ng
 RT: 13.47 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF095982.D
 Acq: 17 Jun 2017 6:35

Tgt Ion:330 Resp: 124634
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 38.5 31.4 47.2

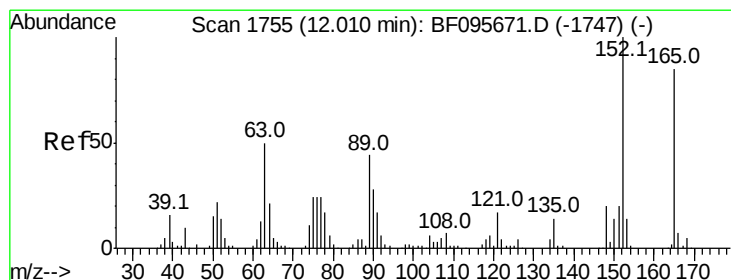
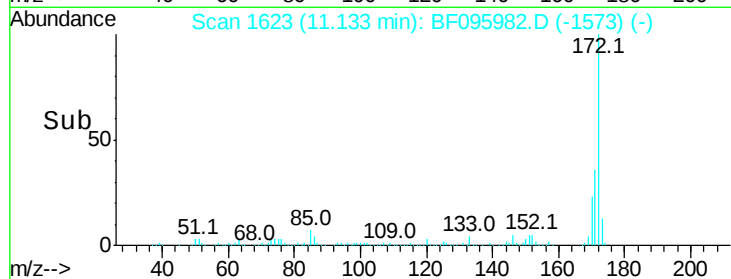
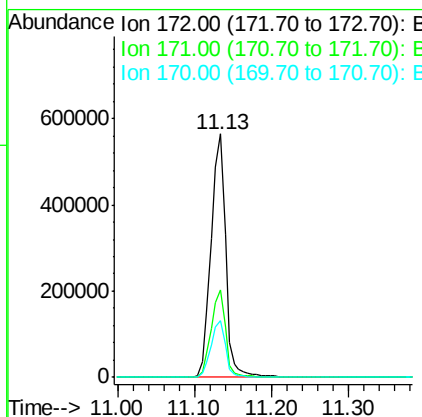
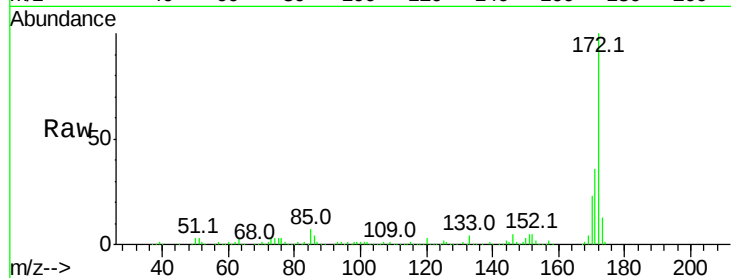




#44
 2-Fluorobiphenyl
 Concen: 87.84 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095982.D
 Acq: 17 Jun 2017 6:35

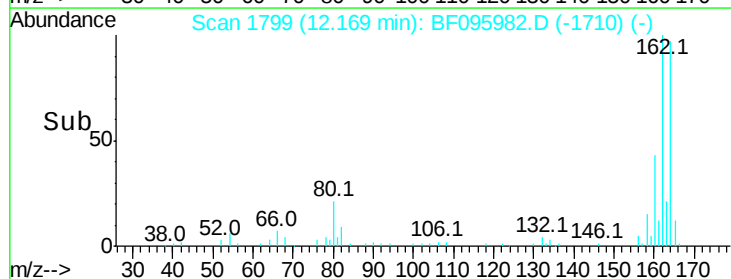
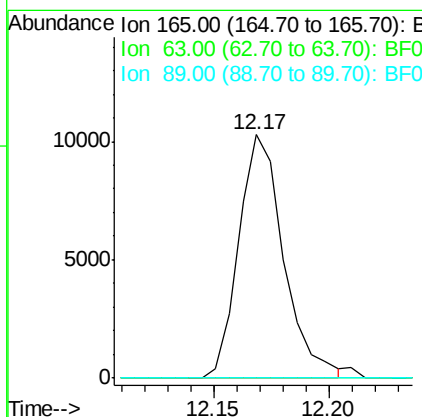
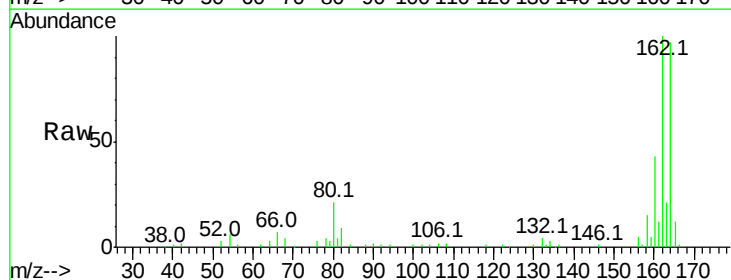
Instrument :
 BNA_F
 ClientSampleId :

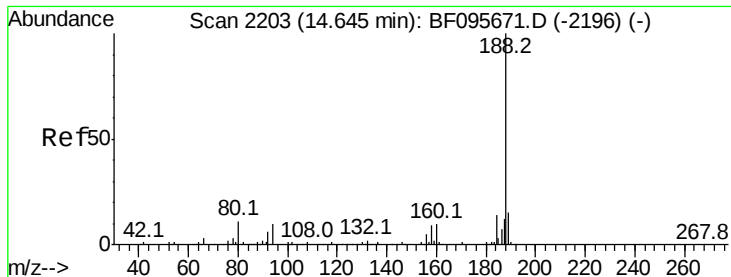
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.2	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.20 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. 0.22 min
 Lab File: BF095982.D
 Acq: 17 Jun 2017 6:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

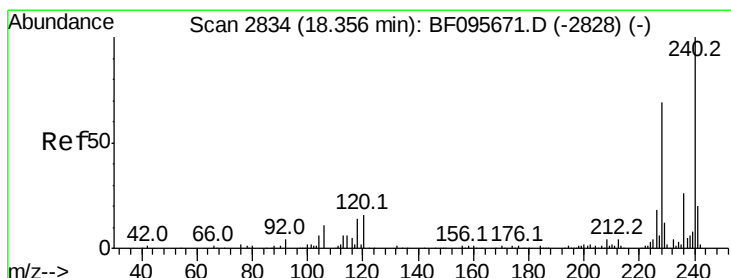
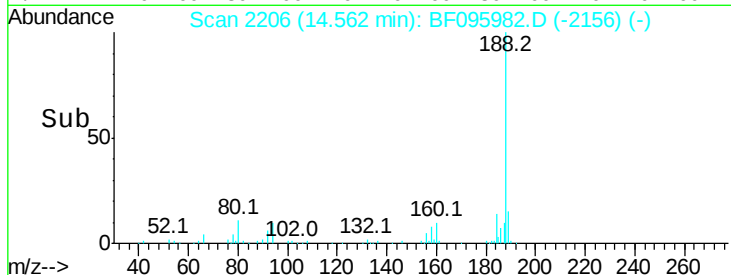
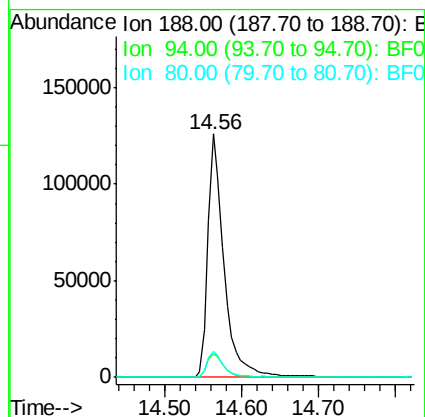
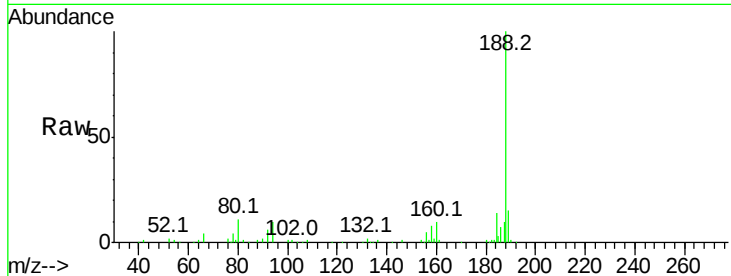




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095982.D
Acq: 17 Jun 2017 6:35

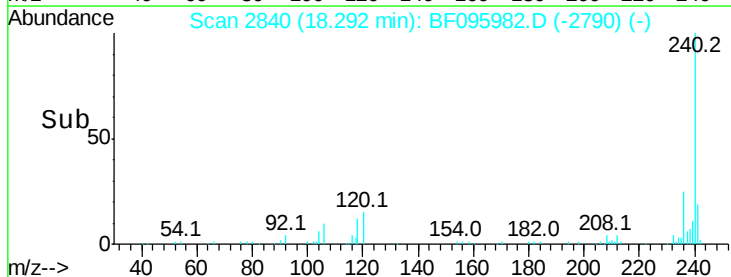
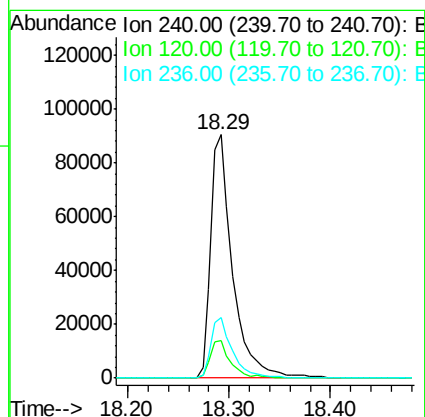
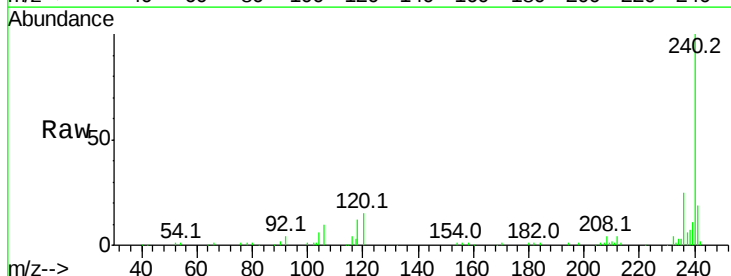
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 183608
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF095982.D
Acq: 17 Jun 2017 6:35

Tgt Ion:240 Resp: 135370
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 24.8 20.5 30.7

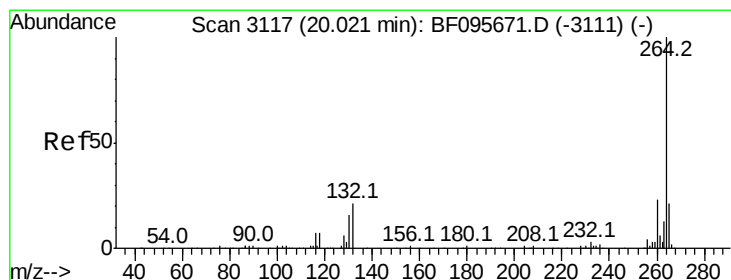
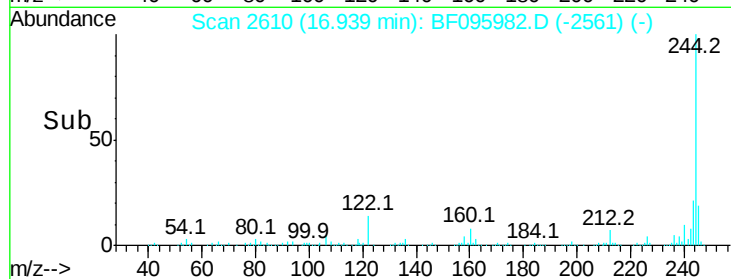
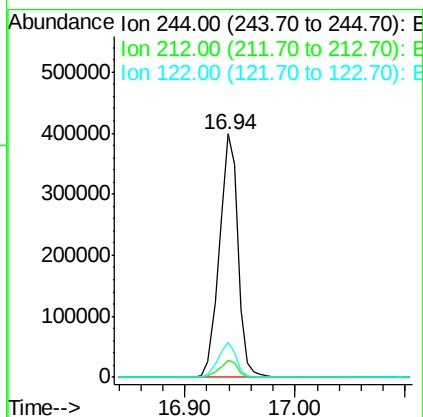
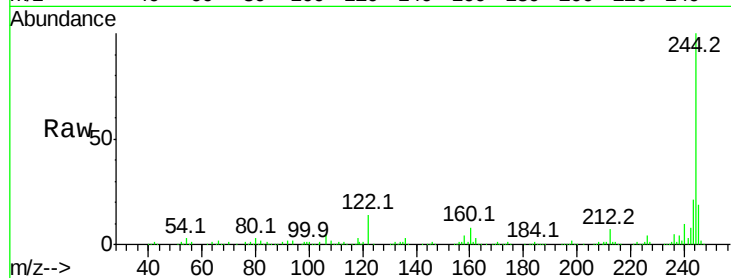




#78
 Terphenyl-d14
 Concen: 85.47 ng
 RT: 16.94 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF095982.D
 Acq: 17 Jun 2017 6:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 466210
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095982.D
 Acq: 17 Jun 2017 6:35

Tgt Ion:264 Resp: 127644
 Ion Ratio Lower Upper
 264 100
 260 20.7 19.5 29.3
 265 20.9 17.2 25.8

